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2. The apparatus as claimed in claim 1, wherein the system includes the portable telephone, and the earphone.

5. A control method for preventing the loss of a portable telephone, the method comprising the steps of:

determining whether a calling state exists between the portable telephone and the earphone;

generating a warning sound in the earphone if the warning sound signal is received from the portable telephone.

7. The method as claimed in claim 5, further comprising the step of the portable telephone periodically measuring the power level of the radio frequency received from the earphone when a hands-free mode is determined in the portable telephone.

8. The method as claimed in claim 5, wherein the portable telephone and the earphone perform radio communications according to a BLUETOOTH communications

protocol

9. The method as claimed in claim 5, further comprising the step of generating said warning signal, via said portable telephone, when the distance between the portable telephone and the earpiece is greater than a predetermined range and no radio communication exists there between.

10. An apparatus for preventing the loss of a portable telephone, comprising:
a master communication system having a short-range radio communication module; and
a slave communication system having another short-range radio communication module which is different from the short-range radio communication module of the master so that the slave performs a bluetooth communication with the master;
wherein if it is detected that a distance between the master and the slave is greater than a predetermined range, the master transmits a warning sound signal to the slave to generate a specified warning sound.